What Is Claimed Is:

1. An automated securities trading system comprising:

means for formulating decision models for securities;

means for monitoring real-time market data;

means for automatically generating a transaction order in response to said data and said decision models; and

means for transmitting the transaction order to a market computer.

2. An automated securities trading system as recited in claim 1 wherein said decision model comprises:

a plurality of levels linked to others of said plurality of levels by Boolean-type logic operators;

said levels containing a plurality of components;

said components comprising market data or functions of market data;

and, decision points for said components.

3. An automated securities trading system as recited in claim 1 wherein said means for transmitting an order comprises means for placing a buy order, a sell order, a sell short order and a buy to cover order.

4. An automated securities trading system as recited in claim 1 further comprising means for receiving market data and storing said market data in a database to be used in the component portion of a decision model.

5. An automated securities trading system as recited in claim 1 further comprising means for receiving and storing historical data.

6. An automated securities trading system as recited in claim 1 further comprising means for initiating a floating stop loss process.

7. An automated securities trading system as recited in claim 1 further comprising means for recording the transaction upon execution of the transaction.

8. An automated securities trading system as recited in claim 1 further comprising means for monitoring the status of a transaction order prior to execution of the transaction order.

9. An automated securities trading system as recited in claim 1 wherein said means for automatically generating a transaction order comprises:

means for generating a transaction order selected from a group consisting of a market order, bid, ask, preference, SOES order, and limit order;

means for determining which transaction order of said group to submit to the market by considering the group consisting of factors from price momentum, price advantage, availability of shares and activities of market makers;

means for submitting the order to an Internet brokerage; and,

means for submitting the order directly to the market and to electronic communication networks.

10. An automated securities trading system comprising:

a network;

a market computer coupled to said network;

a market information computer coupled to said network; and

a computer for formulating a decision model for the security; monitoring real-time market data, in response to market data for the security and the decision model, automatically generating a transaction order, and transmitting the transaction order to a market computer.

11. An automated securities trading system as recited in claim 10 wherein said network comprises the Internet.

12. An automated securities trading system as recited in claim 10 wherein said decision model comprises at least one level having one or more components.

13. An automated securities trading system as recited in claim 10 wherein said components are selected from the group consisting of price, volume, bids, asks, spread, number of shares at each price level of bid or ask, time of posting of each bid or ask, time of sales and number of shares sold, and actions of market makers.

14. An automated securities trading system as recited in claim 10 wherein said computer records the transaction upon execution of the transaction.

15. An automated securities trading system as recited in claim 10 wherein said computer monitors the market data and cancels an order if the market data as processed by the decision models indicates a trade is undesirable.

16. An automated securities trading system as recited in claim 10 wherein said market computer and said market data computer are integral.

17. An automated securities trading system as recited in claim 10 wherein said market computer and said market information computer are accessed through a common source.

18. An automated securities trading system as recited in claim 17 wherein said common source is an Internet brokerage.

19. A method for trading a security comprising the steps of:

formulating a decision model for the security having a component portion;

monitoring real-time market data;

in response to market data for the security and said decision model, automatically generating a transaction order; and

transmitting the transaction order to a market computer.

20. A method as recited in claim 19 further comprising the steps of recording the transaction upon execution of the transaction.

21. A method as recited in claim 19 wherein said transaction order is selected from the group consisting of a buy order, a sell order, a sell short order, and a buy to cover order.

22. A method as recited in claim 19 wherein the step of formulating a decision model comprises the step of weighting data used in the component portion of the decision models.

23. A method as recited in claim 22 wherein said step of weighting comprises the step of assigning a function of market data to allow combining a weighted data component with one or more other weighted data components.

24. A method as recited in claim 19 wherein the step of formulating a decision model comprises the step of establishing an intersection or interaction of data to be used in the component portion of the decision model, said intersection or interaction accomplished by assigning a function of market data to a component so that it can be measured against another component.

25. A method as recited in claim 19 wherein the step of formulating a decision model comprises the step of establishing a component to produce a singular value, said singular value being a function of security or market data.

26. A method as recited in claim 19 further comprising the steps of;

monitoring the transaction order until the order is filled;

monitoring the market data; and

canceling the transaction order if the market data or decision models indicate a trade is undesirable.

27. A method as recited in claim 19 further comprising the step of establishing a floating stop loss level.

28. A method as recited in claim 24 wherein said floating stop level comprises a dynamic floating stop loss.

29. A method as recited in claim 19 further comprising the step of testing decision models prior to entering into transactions by processing data through decision models and making pseudo transactions that are recorded in the transaction database.

30. A method for trading a security comprising:

formulating a decision model for the security;

monitoring real-time market data;

in response to market data for the security and said decision model, automatically generating a buy transaction order; and

transmitting the buy transaction order to a market computer;

after the step of transmitting the buy transaction,

monitoring real-time market data;

in response to market data for the security and said decision model, automatically generating a sell transaction order; and

transmitting the sell transaction order to a market computer.

31. A method as recited in claim 30 further comprising the steps of;

monitoring the transaction order until the order is filled;

monitoring the market data; and

canceling the transaction order if the market data indicates a trade is undesirable.

32. A method as recited in claim 30 further comprising the step of establishing a floating stop loss level.

33. A method as recited in claim 32 wherein said floating ~~stop level comprises a dynamic stop loss.~~

34. An automated securities trading system coupled to a market computer and a data source computer comprising:

an Internet trading computer coupled to the market computer and the data source computer; and

a user terminal coupled to said Internet trading computer;

said Internet trading computer programmed to store decision models input through said user terminals, said Internet trading computer monitoring real-time market data and in response to said market data, automatically generating a transaction order and transmitting said transaction order to said market computer.